PIONEER®
The future of sound and vision.

Service Manual

• GM-4000/UC

ORDER NO.
CRT1157

BRIDGEABLE POWER AMPLIFIER

GM-4000 EW, UC

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SPECIFICATIONS

Power source . . . . . 14.4 V DC (10.8–15.6 V allowable)
Grounding system . . . . . Negative type
Max. current consumption . . . . . 30 A
Dimensions . . . . . 290 (W) × 58 (H) × 230 (D) mm
[11-3/8 (W) × 2-1/4 (H) × 9 (D) in.]
Weight . . . . . 3.8 kg (8.4lbs.)(Leads for wiring not included)
Maximum power output . . . . . 200 W × 2/400 W × 1
Continuous power output
. . . . . 120 W × 2/240 W × 1 (at 4 Ω, 1 kHz, 1% THD)
. . . . . 100 W × 2/200 W × 1
(at 4Ω, 20–20,000 Hz, 0.008%/0.015% THD)
Load impedance . . . . . 4 Ω (2–8 Ω allowable)
Frequency response . . . . . 10–50,000 Hz (+0dB, –1dB)
Signal-to-noise ratio . . . . . 104 dB (IHF-A network)

Distortion . . . . . 0.002% (at 40 W, 1 kHz)
Low-pass filter cut-off frequency . . . . . 80 Hz
Low-pass filter cut-off slope 12dB/octave
Input level . . . . . RCA: 0.2–2 V/7k Ω
DIN: 70–500mV/22kΩ

These specifications were determined and are presented in accordance with specification standards established by the Ad Hoc Committee of Car Stereo Manufacturers.

Note:
Specifications and the design are subject to possible modification without notice due to improvements.

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- **BFC Switch**

Throw SW5 (BFC switch) when <<BEETO>> is generated during reception of AM broadcast (MW, LW).

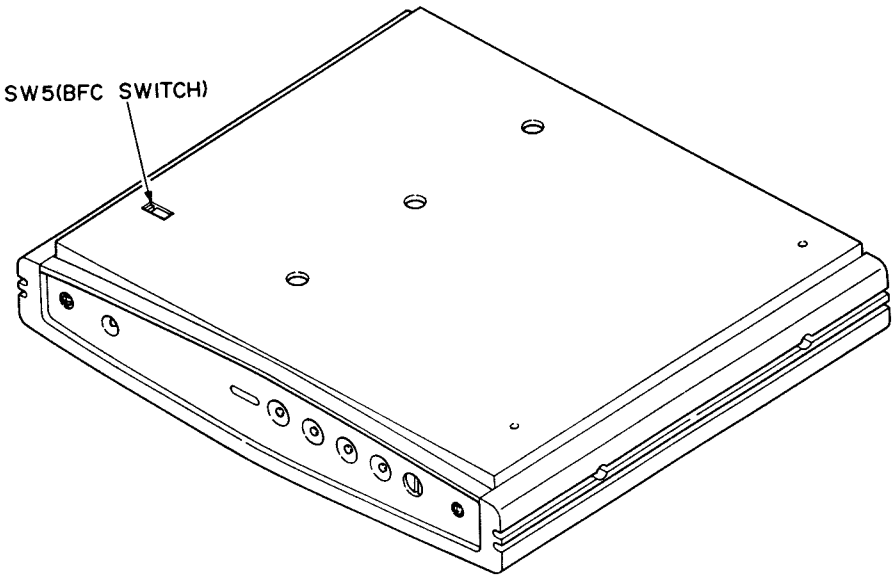


Fig. 1

1. CONTROLS AND THEIR USE

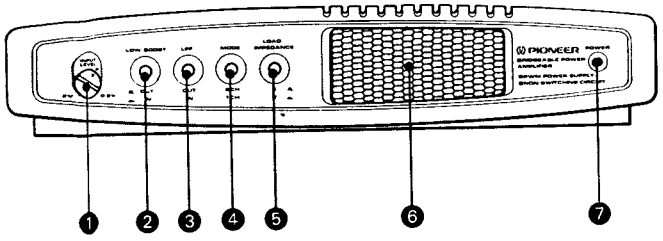


Fig. 2

❶ Input Level Control
If the output is low even when the volume of the car stereo is turned up, turn this control clockwise. If there is distortion when the volume of the car stereo is turned up, turn this control anticlockwise.

❷ Low Boost Switch
Press this switch to increase the volume of sounds in the low-frequency range if your car audio system does not reproduce enough bass sounds. This is effective when the amplifier is used to drive a sub-woofer.

- If there are no low-frequency sounds in the music you are listening to, or if you are using relatively small speakers, this switch may not make much difference.

❸ Low Pass Filter (LPF) Switch
If this switch is pressed when this amplifier is to be used to drive a sub-woofer, only sounds in the low-frequency range will be output.

❹ Mode Select Switch
Press this switch to use the amplifier as a mono amplifier.

- When the amplifier is used in this way, the speaker leads need to be connected accordingly. (See "Connecting Speaker Leads" on page2.)

❺ Load Impedance Select Switch
Press this switch when the impedance of the speaker or speakers connected to this amplifier is less than 4 ohms.

❻ Compulsory Fan Cooling Air Inlet
When the volume increases or the inside temperature of the amplifier exceeds about 60°C, the internal cooling fan operates automatically to take air in through this air inlet and so cool the inside of the amplifier.

- There must be enough space in front of and behind the amplifier for the cooling to work properly.

❼ Power Indicator
The power indicator lights when the power is switched on

2. CONNECTION

Connect the components correctly as shown in the diagram.

- Test-connect all components before securing them into place. Test-operate your entire car stereo system to ensure that there are no faulty wiring. connections between this unit and the rest of your car stereo system.
- The input selector of this amplifier functions automatically. Therefore, the amplifier may be used with either a car stereo with RCA pin jacks or a Pioneer car stereo with DIN sockets. For information about connecting a stereo, see the section entitled "When combined with a car stereo with RCA pin jacks" or that entitled "When combined with a car stereo with DIN sockets".
- When two channels (stereo) are used, the speakers should have a minimum rating of 200 W or more. When a single channel (mono) is used, the speaker should have a minimum rating of 400 W or more. If a speaker whose rating is below that recommended is used, the speaker may be damaged. The impedance of the speakers should be between 2 and 8 ohms.
- For detailed information concerning connections between different components and this unit consult their respective instruction manuals and follow those recommendations precisely.
- When wiring connecting leads into place secure them with clampers and adhesive electrician's tape. Additionally, to prevent any damage to the insulative coating of the connecting leads, protect them with adhesive electrician's tape wherever they may come into contact with any sharp edges.
- Wire all connecting leads so that they stay well clear of high-temperature areas such as the heater exhaust port.
- To operate the amplifier and car stereo properly, install the continuous power supply lead (orange stripes) and the accessory power lead (red) correctly. If the leads are not installed correctly or are not connected at all, the amplifier and car stereo will not work.
- To use a car stereo with DIN sockets, use the optional component extension cable.

Connecting Leads (Supplied)

Connecting the Continuous Power Supply Lead (Orange Stripes)

- Route the continuous power supply lead (orange stripes) from the engine compartment to the passenger compartment and connect it to the amplifier. To prevent short-circuits, make sure you connect all the other leads first, then connect the end of the continuous power supply lead to the positive (+) terminal of the battery.

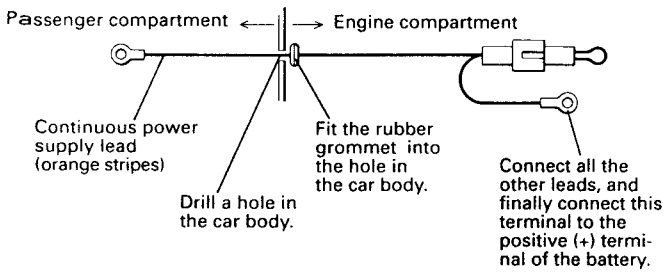

Passenger compartment
Engine compartment
Continuous power supply lead (orange stripes)
Drill a hole in the car body.
Fit the rubber grommet into the hole in the car body.
Connect all the other leads, and finally connect this terminal to the positive (+) terminal of the battery.

Fig. 3

Connecting Speaker Leads

- This amplifier has a mode select switch to select two-channel output (stereo) or one-channel output (mono). The speaker leads must be connected to suit the mode selected. Connect the speaker leads to the output terminals of the amplifier as shown in Fig. 4 and 5. paying attention to the polarities (+ and –), channels (right and left), and lead colors.

When two channels (stereo) are used

- Set the mode select switch to the 2CH position.

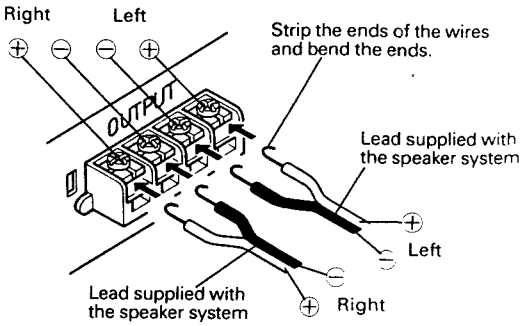


Fig. 4

When one channel (mono) is used

- Set the mode select switch to the 1CH position.

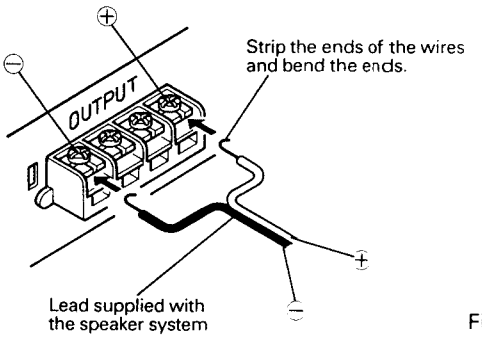
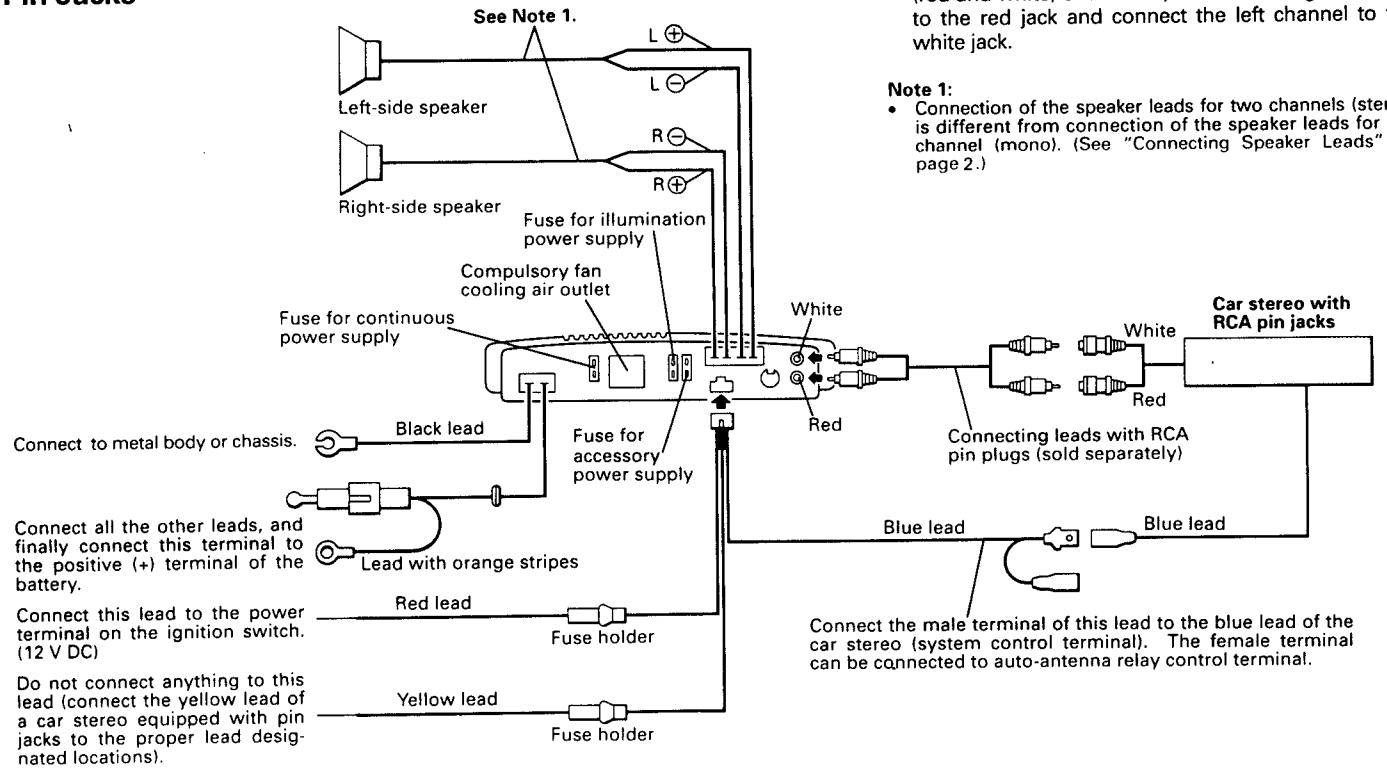


Fig. 5

When Combined with a Car Stereo with RCA Pin Jacks


See Note 1.
L ⊕
L ⊖
Left-side speaker
R ⊖
R ⊕
Right-side speaker
Fuse for illumination power supply
Compulsory fan cooling air outlet
Fuse for continuous power supply
White
Red
Car stereo with RCA pin jacks
White
Red
Connecting leads with RCA pin plugs (sold separately)
Connect to metal body or chassis.
Black lead
Fuse for accessory power supply
Connect all the other leads, and finally connect this terminal to the positive (+) terminal of the battery.
Lead with orange stripes
Blue lead
Blue lead
Connect this lead to the power terminal on the ignition switch. (12 V DC)
Red lead
Fuse holder
Connect the male terminal of this lead to the blue lead of the car stereo (system control terminal). The female terminal can be connected to auto-antenna relay control terminal.
Do not connect anything to this lead (connect the yellow lead of a car stereo equipped with pin jacks to the proper lead designated locations).
Yellow lead
Fuse holder

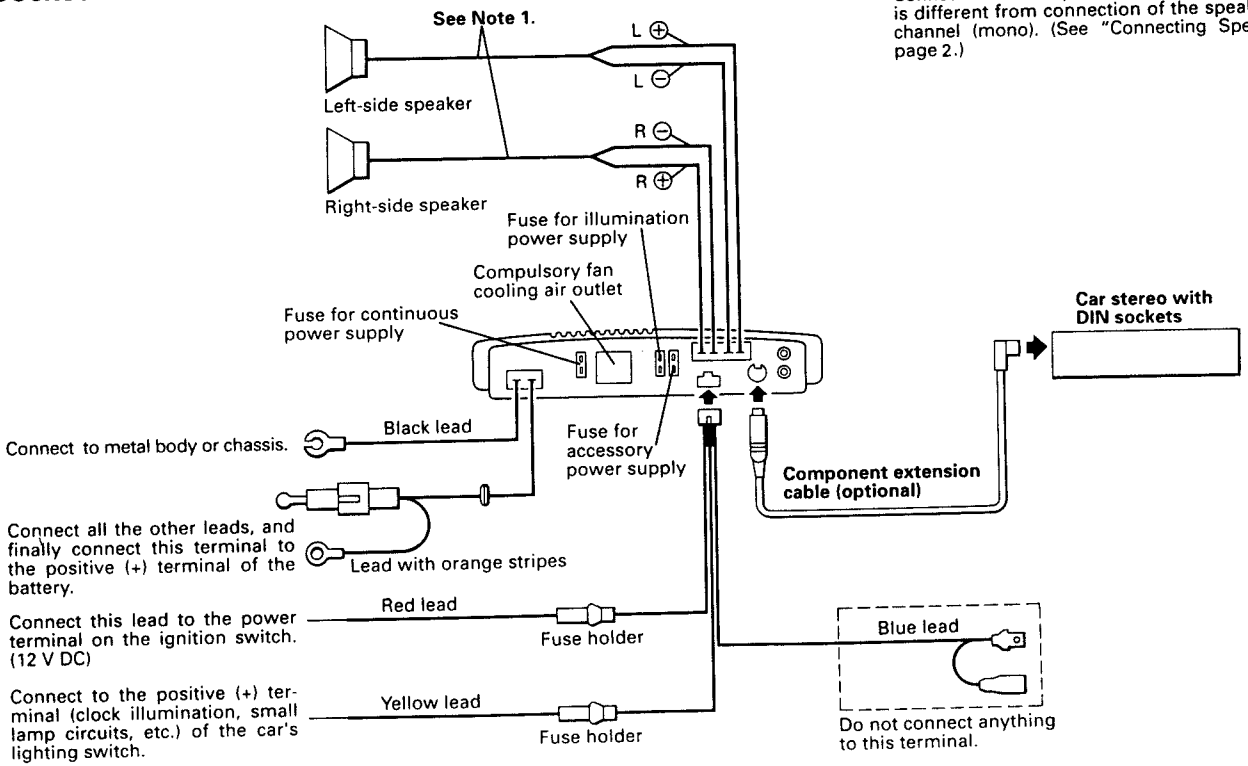
- When connecting connecting leads with RCA pin plugs (sold separately) to the auxiliary input jacks (red and white) of this unit, connect the right channel to the red jack and connect the left channel to the white jack.

Note 1:

- Connection of the speaker leads for two channels (stereo) is different from connection of the speaker leads for one channel (mono). (See "Connecting Speaker Leads" on page 2.)

Fig. 6

When Combined with a Car Stereo with DIN Sockets


See Note 1.
L ⊕
L ⊖
Left-side speaker
R ⊖
R ⊕
Right-side speaker
Fuse for illumination power supply
Compulsory fan cooling air outlet
Fuse for continuous power supply
Car stereo with DIN sockets
Black lead
Connect to metal body or chassis.
Fuse for accessory power supply
Component extension cable (optional)
Connect all the other leads, and finally connect this terminal to the positive (+) terminal of the battery.
Lead with orange stripes
Red lead
Connect this lead to the power terminal on the ignition switch. (12 V DC)
Fuse holder
Blue lead
Yellow lead
Connect to the positive (+) terminal (clock illumination, small lamp circuits, etc.) of the car's lighting switch.
Fuse holder
Do not connect anything to this terminal.

Note 1:

- Connection of the speaker leads for two channels (stereo) is different from connection of the speaker leads for one channel (mono). (See "Connecting Speaker Leads" on page 2.)

Fig. 7

Procedure for Connecting Speaker Leads

1. Strip the ends of the wires of both speaker leads supplied with the speaker system and bend the ends.
2. Pass the speaker leads through the large terminal cover. (Fig. 8)
3. Loosen the four output terminal screws at the rear of the amplifier in the middle.
4. According to the selected mode, hook the ends of the wires around the screws that were removed in step 3. Put the screws into the speaker output terminals and tighten then. (Fig. 9)
   - Be very careful that the wires do not stick out of the speaker output terminals and touch other wires.
5. Fit the large terminal cover. (Fig. 10)

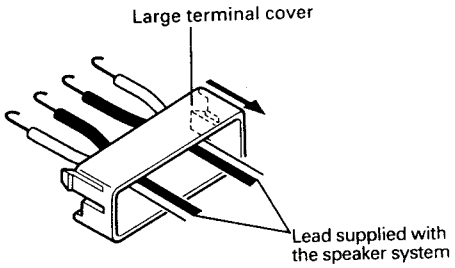


Fig. 8

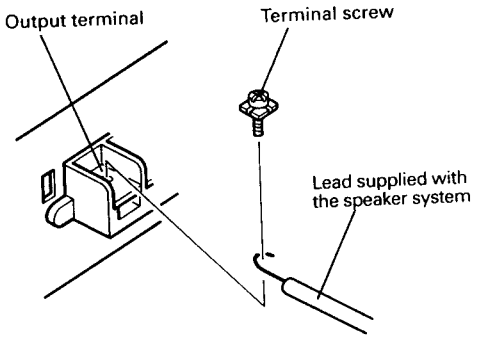


Fig. 9

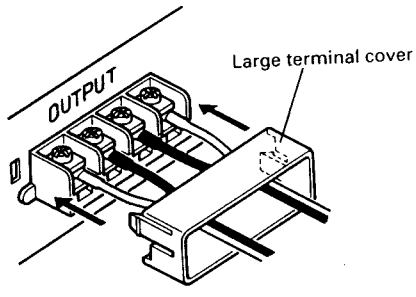


Fig. 10

Procedure for Connecting Continuous Power Supply Lead (Orange Stripes) and Grounding Lead (Black)

1. Pass the continuous power supply lead (orange stripes) and the grounding lead (black) through the small terminal cover. (Fig. 11)
2. Remove the screws of the continuous power supply terminal and the grounding terminal at the rear of the amplifier on the left.
3. Replace the screws removed in step 2 in the terminals and tighten them. (Fig. 12)
4. Fit the small terminal cover. (Fig. 13)

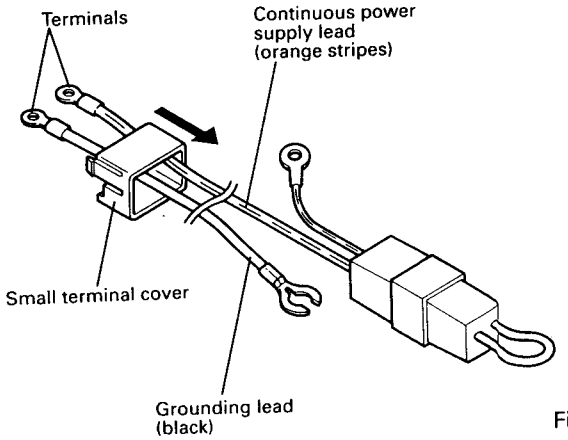


Fig. 11

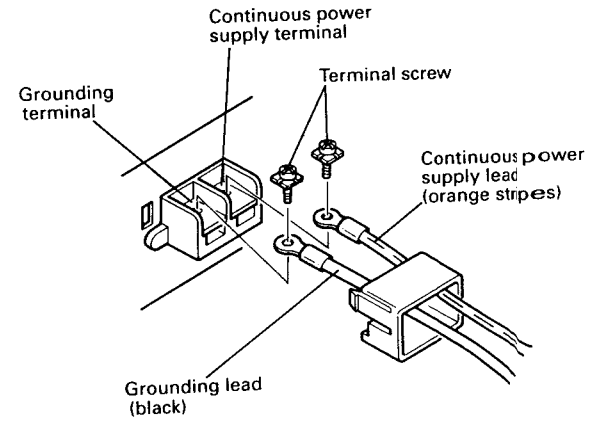


Fig. 12

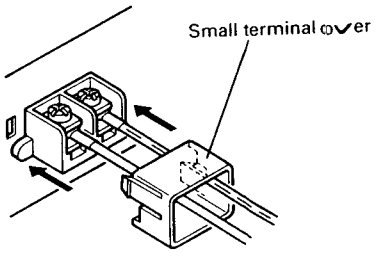


Fig. 13

3. DISASSEMBLY

• Remove the Case

1. Remove the six screws.
2. Remove the case.

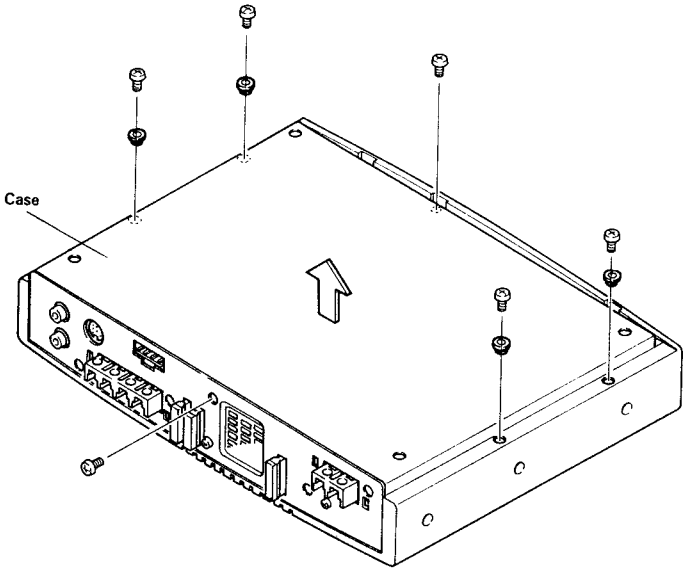


Fig. 14

• Remove the Heat Sink

1. Remove the three screws C and remove the case.
2. Remove the three screws D, four screws E and two screws F.
3. Raise up on amp unit and power supply unit to remove it from heat sink.

Attention:
Be sure to screw in order of ①, ② and ③ when installing the heat sink.

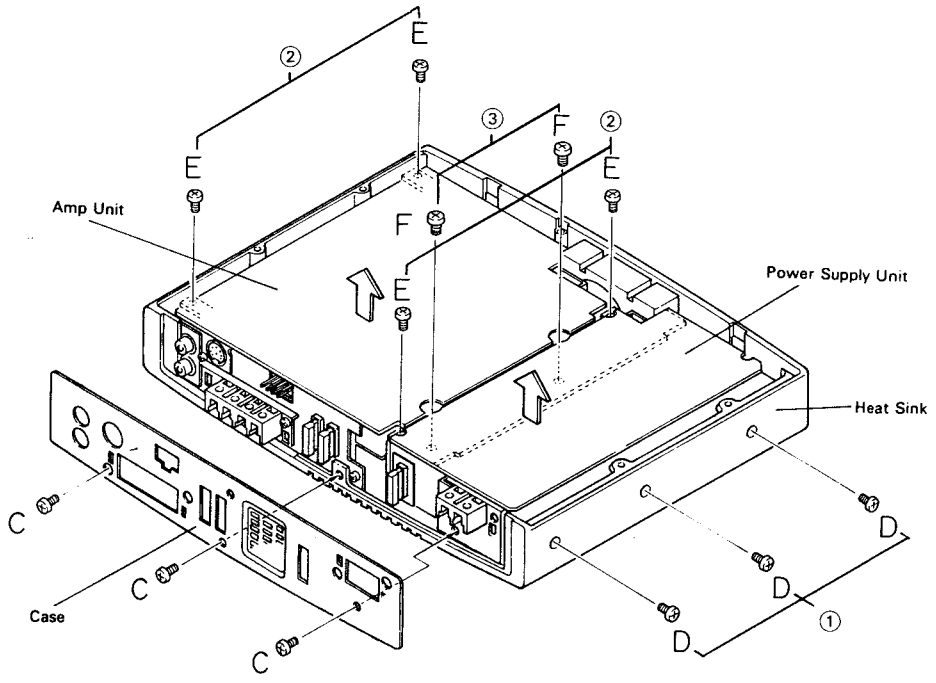


Fig. 15

4. CIRCUIT DESCRIPTION

4.1 PWM (Pulse Width Modulation) POWER SUPPLY

The PWM power supply is a circuit that maintains stable secondary voltage in a DC/DC converter, regardless of the voltage fluctuation and load fluctuation of the primary voltage.
In actual operation, the output voltage (Vout) expressed by formula (1) is maintained at a stable level. Consequently, when load fluctuation or fluctuation of the primary (battery) voltage occurs, the PWM circuit illustrated in Fig. 17 and 18 to control the pulse width of the gate voltage at A.

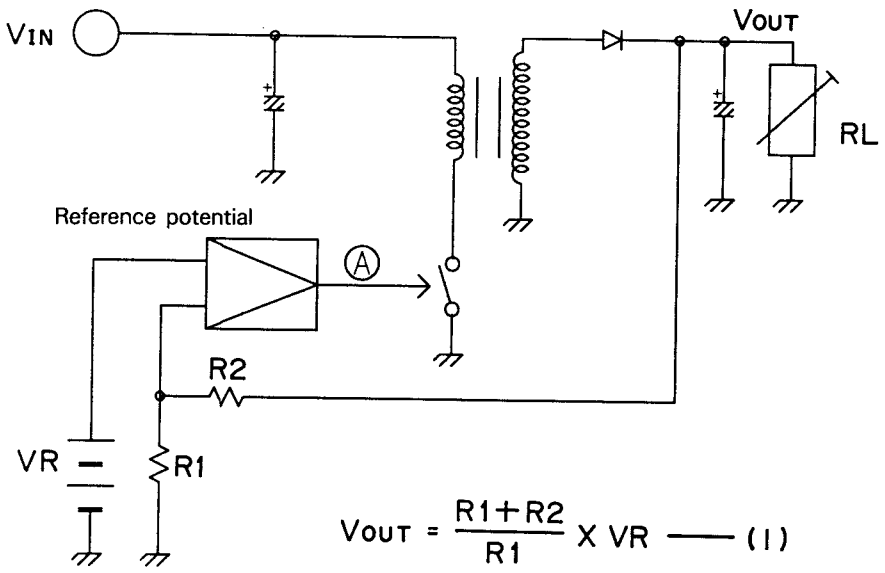


Fig. 16

- **Waveforms at point A (V: 10V/div, H: 10μS/div)**

No signal

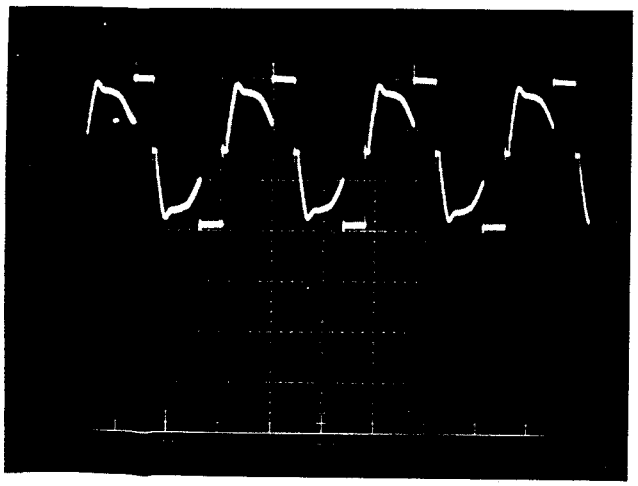


Fig. 17

Large output or drop in input voltage (VIN)

Fig. 18

4.2 BLOCK DIAGRAM

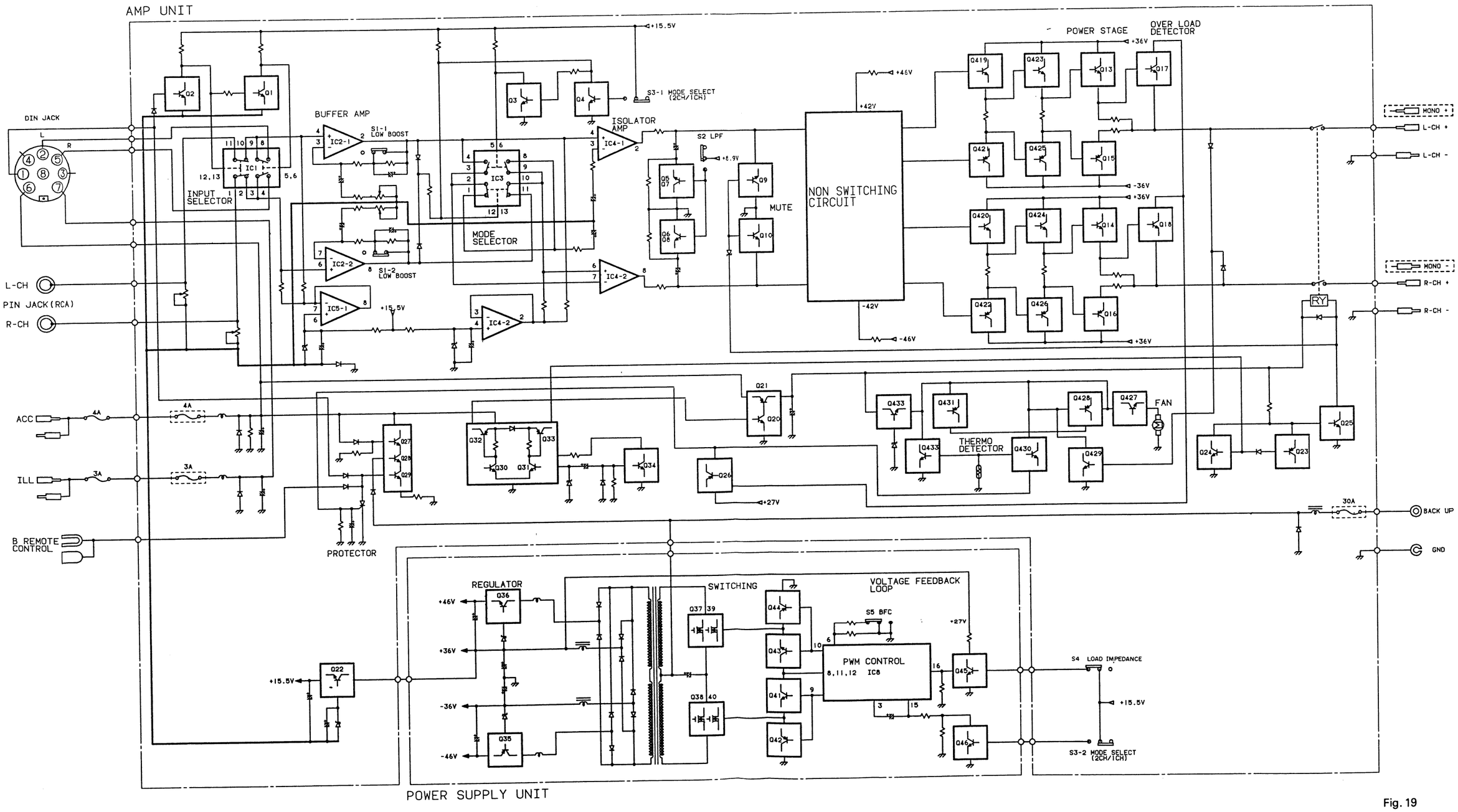


Fig. 19

• ICs and

2SA1048
2SC1740
2SC2458
2SC3113

2SB1357
2SD2037

14
VDD
IN/OUT
1

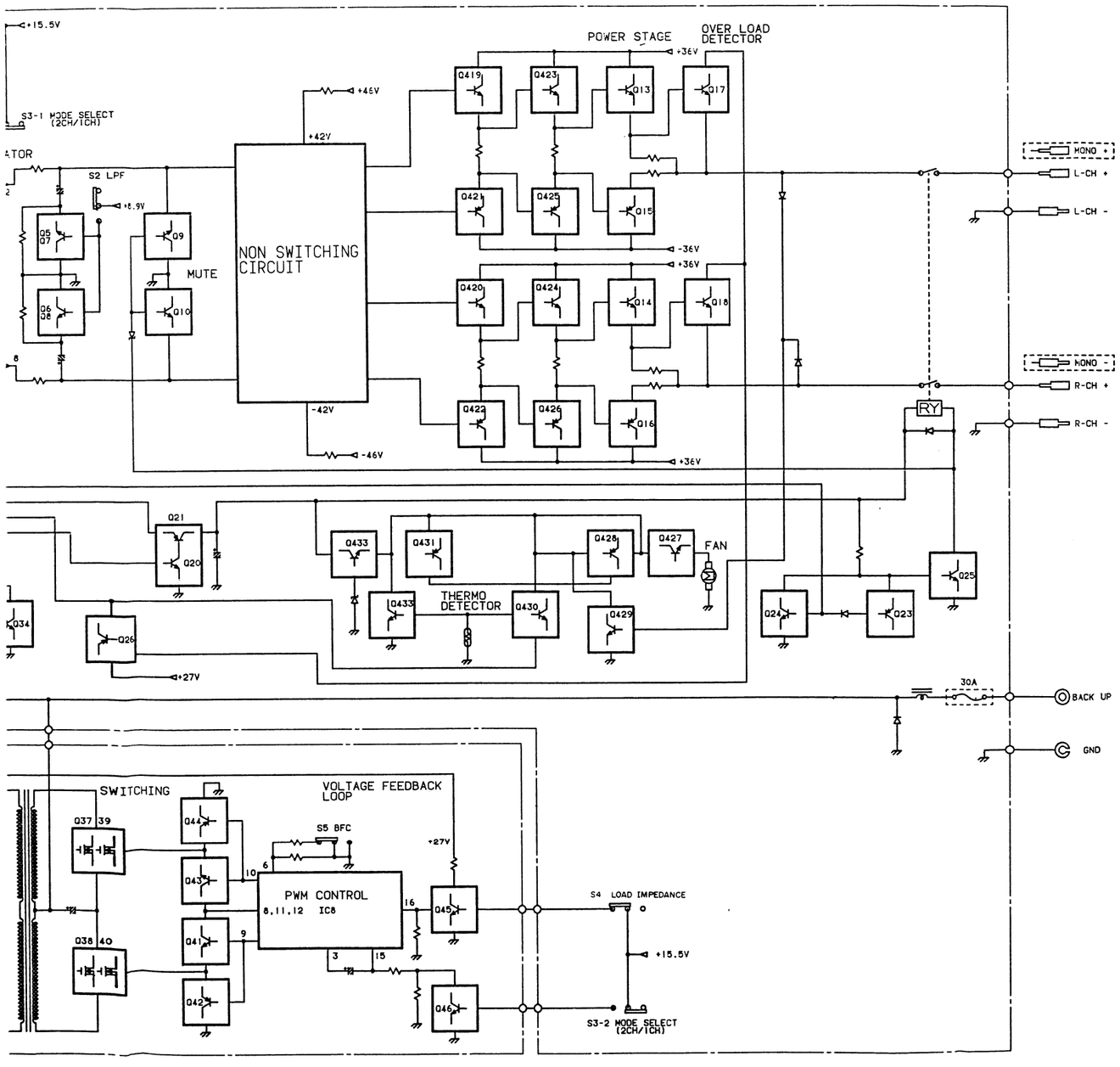


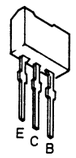
Fig. 19

• ICs and Transistor

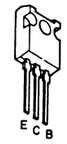
2SA1048
2SC1740S
2SC2458
2SC3113

2SA992
2SA1145
2SC1845
2SC2705

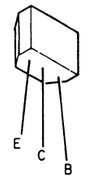
2SB1240
2SD1862



2SA1358
2SA1359
2SC3421
2SC3422



2SA9335
2SD1768S



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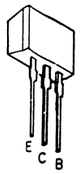
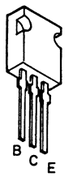
2SC2787



2SB1357
2SD2037



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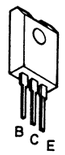
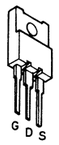
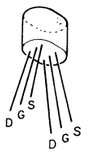
2SD1707



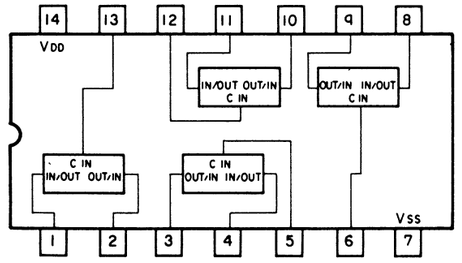
2SK1134



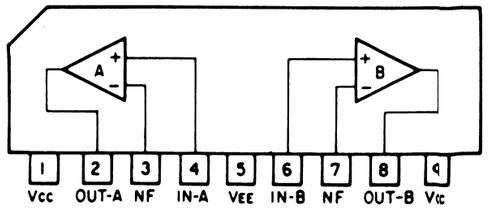
2SK129A



TC4066BP



NJM2068S
NJM4558S



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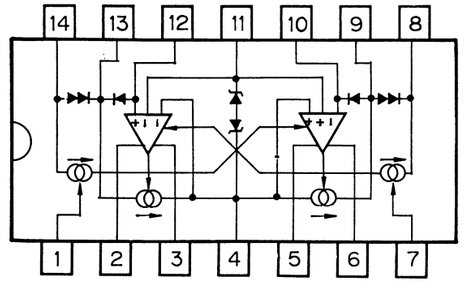
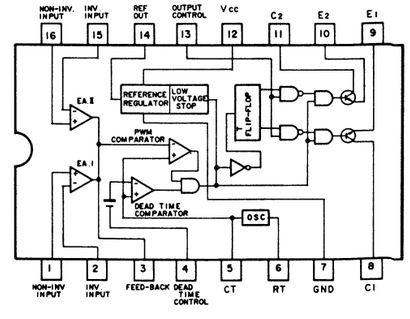
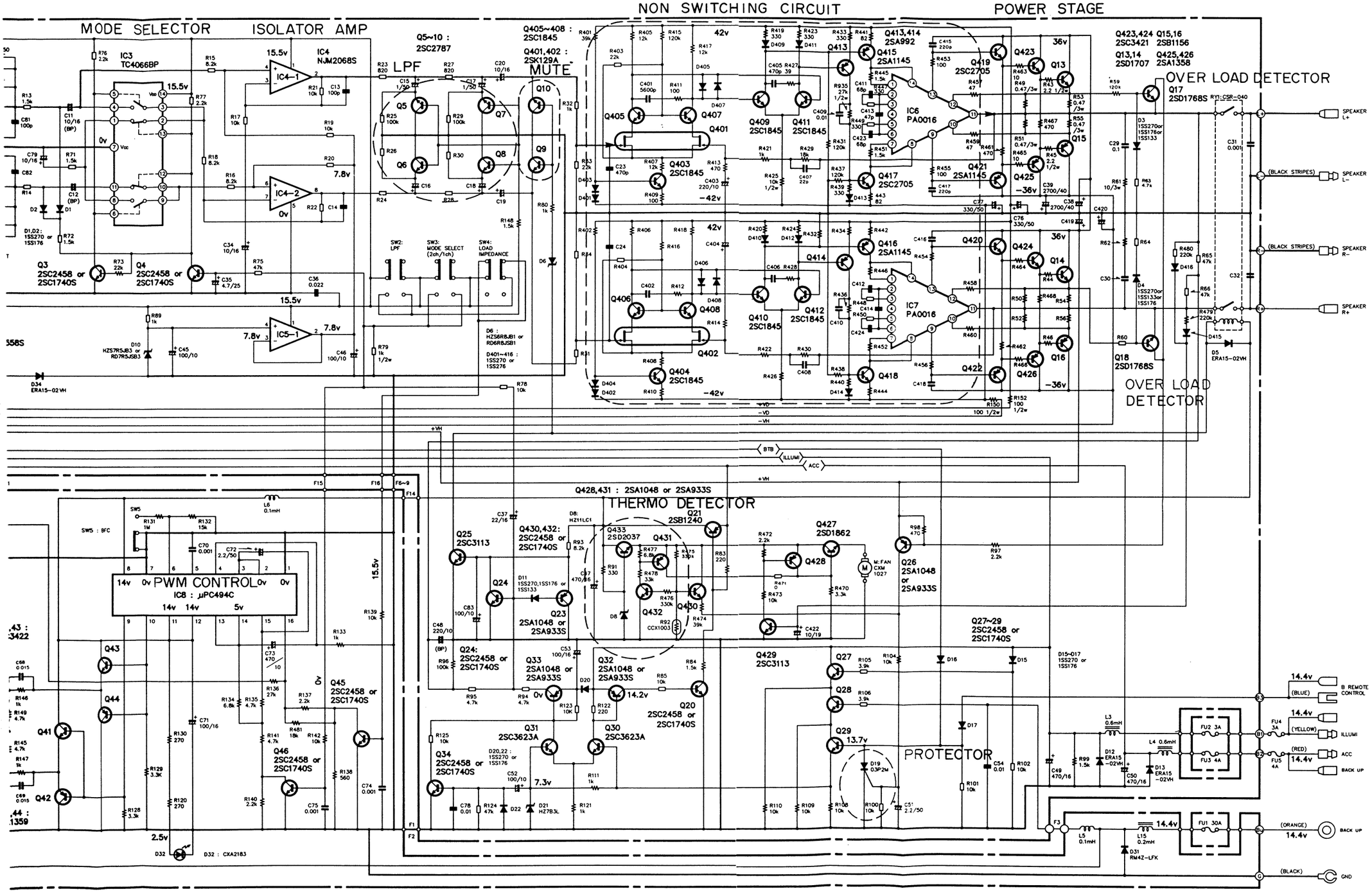


μPC494C

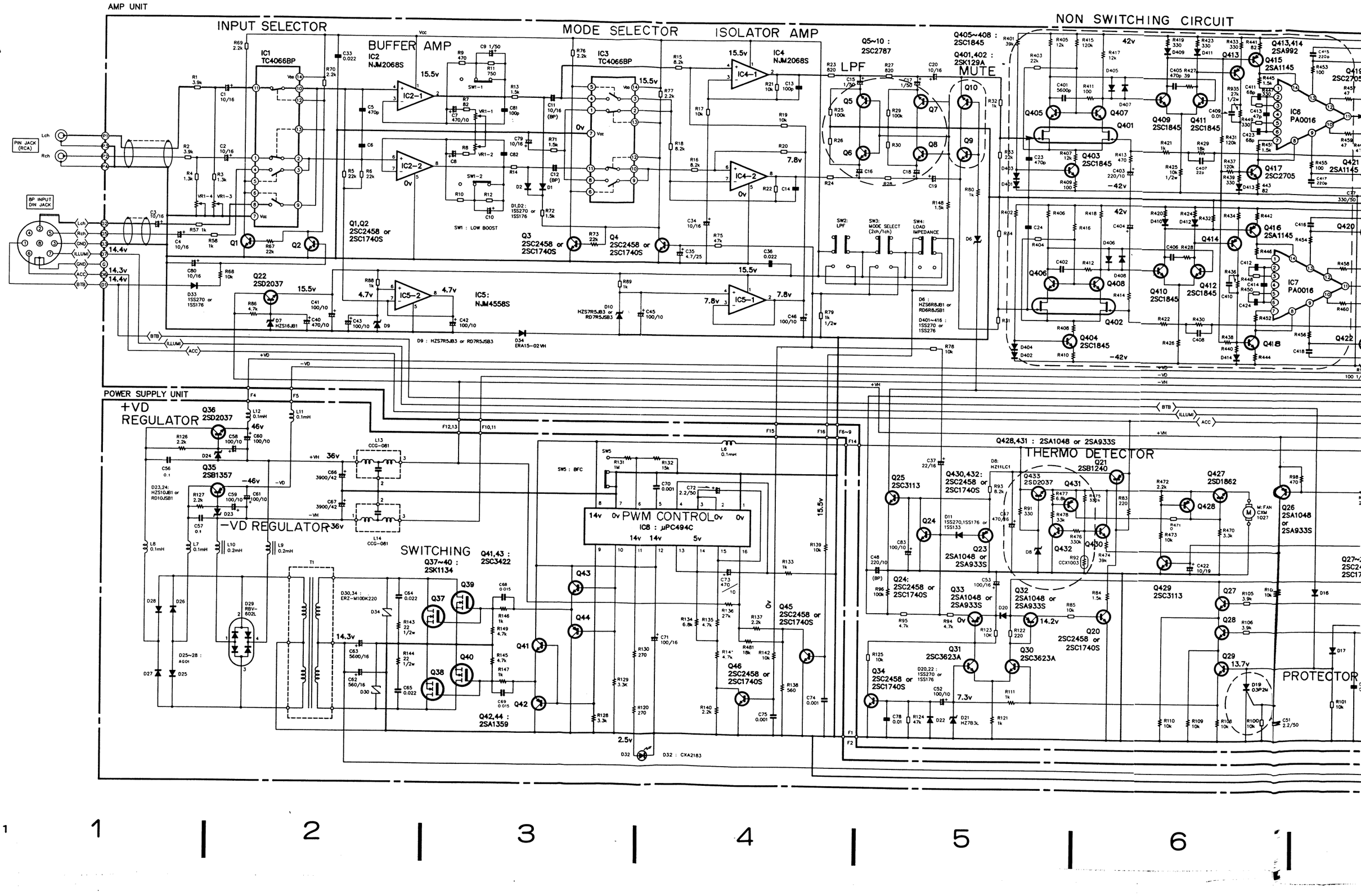




SWITCHES
SW1: LOW BOOST SWITCH . . . . . ON–OFF
SW2: LPF SWITCH . . . . . ON–OFF
SW3: MODE SELECT SWITCH 1ch-2ch
SW4: LOAD IMPEDANCE SWITCH 2Ω-4Ω
SW5: BFC SWITCH . . . . . LOW–HIGH
The underlined indicates the switch position.

Fig. 20

5. SCHEMATIC CIRCUIT DIAGRAM



6. CONNECTION DIAGRAM

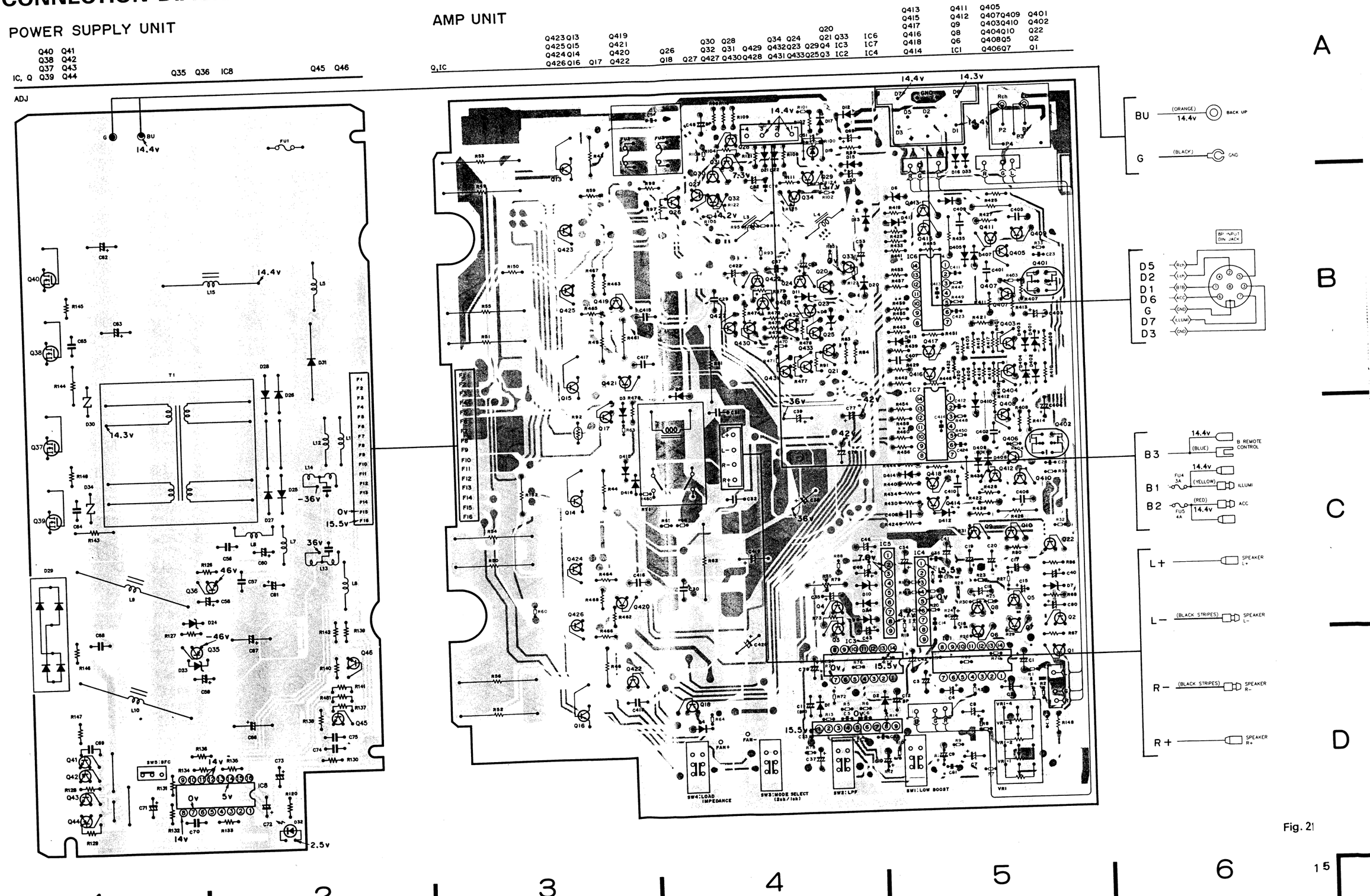


Fig. 21

7. EXPLODED VIEW

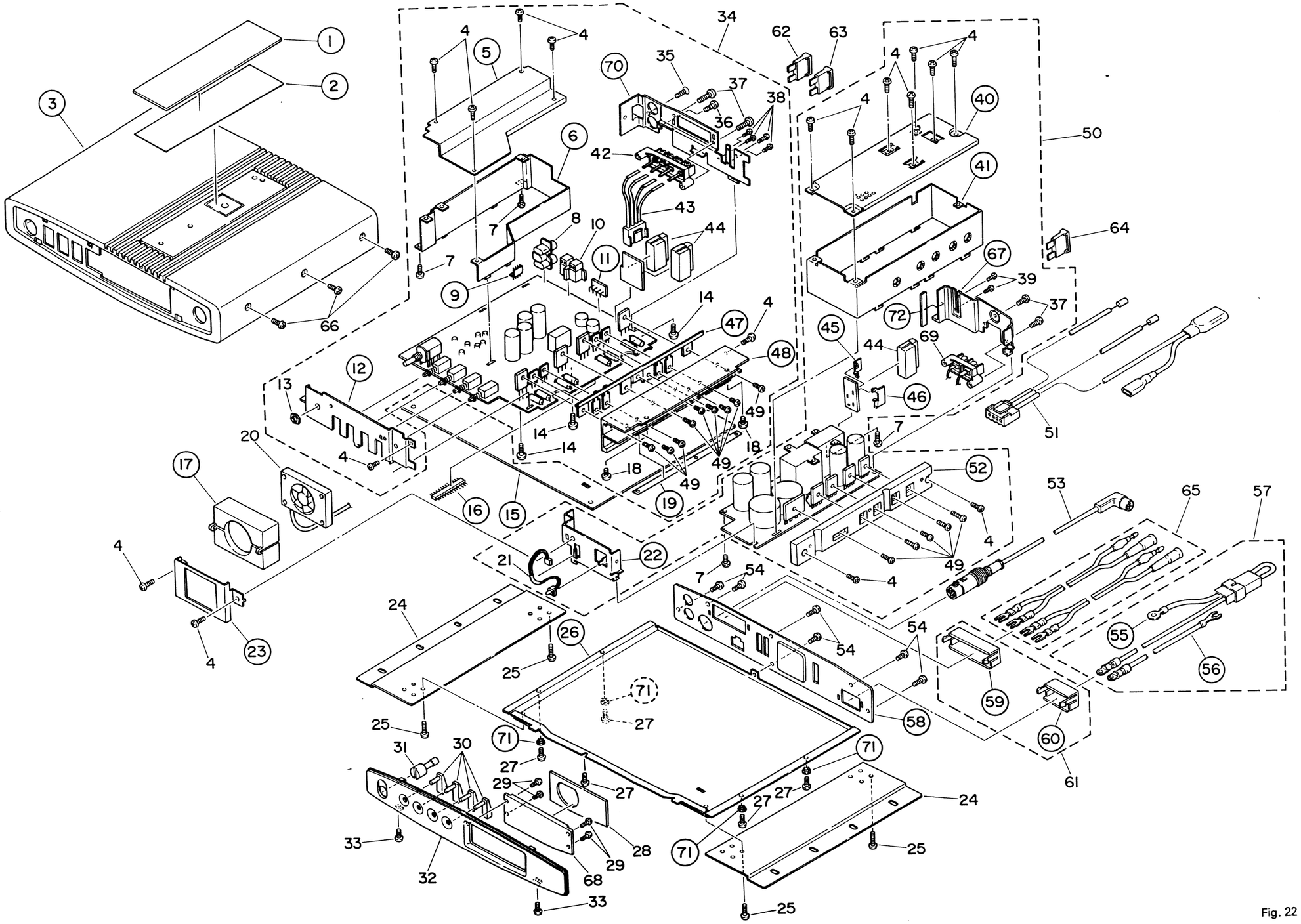


Fig. 22

• Parts List

NOTE:

- *For your Parts Stock Control, the fast moving items are indicated with the marks ★ ★ and ★.*
  ★ ★: GENERALLY MOVES FASTER THAN ★.
  This classification shall be adjusted by each distributor because it depends on model number, temperature, humidity, etc.
- *Parts whose parts numbers are omitted are subject to being not supplied.*
- *Parts marked by "◉" are not always kept in stock. Their delivery time may be longer than usual or they may be unavailable.*

Mark	No.	Part No.	Description
	1		Escutcheon (EW)
			Escutcheon (UC)
	2		Seal
	3		Heat Sink
	4	BMZ30P050FMC	Screw
	5		Shield
	6		Shield
	7	BMZ30P060FMC	Screw
	8	CKS1339	Pin Jack
	9		Plug(4P)
	10	CKS1498	Connctor
	11		Connctor(4P)
	12		Bracket
	13	CBN-032	Nut
	14	BMZ30P060FMC	Screw
	15		Insulator
	16		Plug(16P)
	17		Holder
	18	BMZ40P080FMC	Screw
	19		Insulator
★★	20	CXM1027	Fan
★	21	CXA2183	LED Assy
	22		Bracket
	23		Bracket
	24	CNC2291	Bracket
	25	BMZ50P060FZK	Screw
	26		Case
	27	PMS30P060FZK	Screw
	28	CNV1862	Cover
	29	PTZ20P050FMC	Screw
★	30	CAC1688	Button
★	31	CAA1135	Knob
	32	CXA2445	Grille Assy(EW)
		CXA2446	Grille Assy(UC)
	33	PMS30P060FZK	Screw

Mark	No.	Part No.	Description
◉	34	CWM1667	Amp Unit
	35	CMZ30P080FMC	Screw
	36	BMZ20P050FMC	Screw
	37	PTZ30P080FZK	Screw
	38	PTZ20P080FZK	Screw
	39	PTZ20P080FZK	Screw
	40		Shield
	41		Shield
	42	CKE1003	Terminal
	43	CDE1838	Cord
	44	CKR1001	Fuse Holder
	45		Plate
	46		Plate
	47		Bracket
	48		Heat Sink
	49	BMZ26P120FMC	Screw
◉	50	CWR1019	Power Supply Unit
★	51	CDE2113	Cord Assy (EW)
★		CDE2106	Cord Assy (UC)
	52		Heat Sink
	53	CDE2017	Connector
	54	PMS30P060FZK	Screw
	55		Cord
	56		Cord
★	57	CDE1996	Cord Assy
	58		Case
	59		Cover
	60		Cover
	61	CEA1345	Cover Assy
★★	62	CEK1001	Fuse (4A)
★★	63	CEK1134	Fuse (3A)
★★	64	CEK1140	Fuse (30A)
	65	CDE2018	Cord Assy(EW)
	66	BMZ30P120FZK	Screw
	67		Bracket
	68	CNS1598	Escutcheon
	69	CEK1005	Terminal
	70		Bracket
	71		Bush
	72		Insulator

Mark	Circuit Symbol & No.	Part Name	Part No.
	R 104 108 109 110 473		RD1/4PS103JL
	R 105		RS1/8S392J
	R 106		RS1/10S392J
	R 107		RD1/4PS123JL
	R 111 121		RD1/4PS102JL
	R 122		RS1/8S221J
	R 148 445 446 451 452		RD1/4PS152JL
	R 150 152		RS1/2P101JL
	R 401 402		RD1/4PS393JL
	R 403		RS1/8S223J
	R 405 406 407 408 417 418		RD1/4PS123JL
	R 409 410 411 412 453 454 455 456		RD1/4PS101JL
	R 413 414		RD1/4PS471JL
	R 415 416 431 432 437 438		RD1/4PS124JL
	R 419 420 423 424 433 434 439 440		RD1/4PS331JL
	R 425 426		RS1/2P103JL
	R 427 428		RD1/4PS390JL
	R 429 430		RD1/4PS183JL
	R 435 436		RS1/2P273JL
	R 441 442 443 444		RD1/4PS820JL
	R 447 448 449 450		RS1/10S331J
	R 457 458 459 460		RD1/4PS470JL
	R 461		RD1/4PM471J
	R 463 464 465 466		RD1/4PS100JL
	R 470		RS1/10S332J
	R 471		RS1/10S0R0J
	R 474		RD1/4PS393JL
	R 475 476		RD1/4PS334JL
	R 477		RD1/4PS682JL
	R 478		RD1/4PS333JL
	R 479		RD1/4PS224JL
	R 480		RS1/10S224J

CAPACITORS

Mark	Circuit Symbol & No.	Part Name	Part No.
	C 1 2 3 4 19 20	10μF/16V	CCH1031
	C 5 6 23 24		CCSQCH471J50
	C 7 8		CEKA471M10
	C 9 10 15 16 17 18		CEKA010M50
	C 11 12	10μF/16V(BP)	CCH1034
	C 13 14 81 82		CCSQCH101J50
	C 29 30		CQMA104J50
	C 31 32		CQMA102J50
	C 33 36		CKSQYB223K25
	C 34 79 80		CEKA100M16
	C 35		CEKA4R7M25
	C 37		CEKA220M16
	C 38 39 419 420	2700μF/40V	CCH1030
	C 40 47 49 50	470μF/16V	CCH-114
	C 41		CEKA101M16
	C 42 43 45 46		CEKA101M10
	C 44		CCH1020
	C 48	220μF/10V	CCH1036
	C 51		CEA4R7M50L2
	C 52		CEA101M10L2
	C 53		CEA101M16L2
	C 54 78		CKSQYB103K50
	C 76 77		CEKA331M50
	C 83		CEA101M10L2
	C 401 402		CQMA562J50
	C 403 404		CEKA221M10
	C 405 406		CQMA471J50
	C 407 408		CCCCH220J50
	C 409 410		CQMA103J50
	C 411 412 423 424		CCSQCH680J50
	C 413 414		CCSQCH470J50
	C 415 416 417 418		CCCCH221J50
	C 422		CEA100M16L2

Unit Number :
Unit Name : Power Supply Unit

MISCELLANEOUS

Mark	Circuit Symbol & No.	Part Name	Part No.
‡‡	IC 8		μPC494C
‡‡	Q 35		2SB1357
‡‡	Q 36		2SD2037
‡‡	Q 37 38 39 40		2SK1134
‡‡	Q 41 43		2SC3422
‡‡	Q 45 46		2SC2458 (2SC1740S)
‡‡	Q 42 44		2SA1359
‡	D 23 24		HZS10JB1 (RD10JSB1)
‡	D 25 26 27 28		AG01
‡	D 29		RBV-602L
‡	D 30 34	Serge Absorber	ERZ-M10DK22 RM4Z-LFK
‡	D 31		
‡	D 32	LED Assy	CXA2183
	L 5 6 7 8 11 12	Coil 100μH	CTF-113
	L 9 10	Choke Coil	CTH1027 (CTH1029)
	L 13 14		CCG-081
	L 15	Choke Coil	CTH1038
	T 1	Transformer	CTT1007
‡‡	SW 5	Switch	HSH-156

RESISTORS

Mark	Circuit Symbol & No.	Part Name	Part No.
	R 120 130		RD1/4PS271J
	R 126 127 137 140		RD1/4PS222J
	R 128 129		RD1/4PS332J
	R 131		RN1/4PC100K
	R 132		RN1/4PC150K
	R 133 146 147		RD1/4PS102J
	R 134		RD1/4PS682J
	R 135 141 145 149		RD1/4PS472J
	R 136		RD1/4PS273J
	R 138		RD1/4PS561J
	R 139 142		RD1/4PS103J
	R 143 144		RS1/2P220J
	R 481		RD1/4PS183J

8. ELECTRICAL PARTS LIST

NOTE:

- *For your parts Stock Control, the fast moving items are indicated with the marks ‡‡ and ‡.*
  ‡‡ : GENERALLY MOVES FASTER THAN ‡.
  This classification shall be adjusted by each distributor because it depends on model number, temperature, humidity, etc.
- *Parts whose parts numbers are omitted are subject to being not supplied.*
- *The part numbers shown below indicate chip components.*
  Chip Resistor
  RS1/8S □□□J, RS1/10S □□□J
  Chip Capacitor (except for CQS.....)
  CKS....., CCS....., CSZS.....

Unit Number :
Unit Name : Amp Unit

MISCELLANEOUS

Mark	Circuit Symbol & No.	Part Name	Part No.
‡‡	IC 1 3		TC4066BP
‡‡	IC 2 4		NJM2068S
‡‡	IC 5		NJM4558S
‡‡	IC 6 7		PA0016
‡‡	Q 1 2 3 4 20 24 27 28 29 34		2SC2458
	430 432		(2SC1740S)
‡‡	Q 5 6 7 8 9 10		2SC2787
‡‡	Q 13 14		2SD1707
‡‡	Q 15 16		2SB1156
‡‡	Q 17 18		2SD1768S
‡‡	Q 21		2SB1240
‡‡	Q 22 433		2SD2037
‡‡	Q 23 26 32 33 428 431		2SA1048
			(2SA933S)
‡‡	Q 25 429		2SC3113
‡‡	Q 30		2SC2623A
‡‡	Q 401 402		2SK129A
‡‡	Q 403 404 405 406 407 408 409 410 411 412		2SC1845
‡‡	Q 413 414		2SA992
‡‡	Q 415 416 421 422		2SA1145
‡‡	Q 417 418 419 420		2SC2705
‡‡	Q 423 424		2SC3421
‡‡	Q 425 426		2SA1358
‡‡	Q 427		2SD1862
‡	D 1 2 3 4 11 15 16 17 20 22		1SS176
	33 401 402 403 404 405 406 407 408 409		(1SS270)
	410 411 412 413 414 415 416		(1SS133)
‡	D 5 12 13 34		ERA15-02VH
‡	D 6		HZS6R8JB1
			(RD6R8JSB1)
‡	D 7		HZS16JB1
			(RD16JSB1)
‡	D 8		HZ11LC1
‡	D 9 10		HZS7R5JB3
			(RD7R5JSB3)
‡	D 19	SCR	03P2M
‡	D 21		HZ7B3L
	L 3 4	Choke Coil	CTH1048
	RY 1	Relay	CSR-040
‡‡	SW 1 2 3 4	Switch	CSG1023
‡‡	VR 1	Volume 2kΩ(C)×2, 3kΩ(A)×2,	CCS1093

RESISTORS

Mark	Circuit Symbol & No.	Part Name	Part No.
	R 1 2		RS1/10S392J
	R 3 4		RS1/10S132J
	R 5 6 33 34 404		RS1/10S223J
	R 7 8		RS1/10S820J
	R 9 10		RS1/10S471J
	R 11 12		RS1/10S751J
	R 13 14 71		RS1/10S152J
	R 15 16 18		RS1/10S822J
	R 17 19 20 21 22 78 85		RS1/10S103J
	R 23 24 28		RS1/10S821J
	R 25 26 29 30		RS1/10S104J
	R 27		RS1/8S821J
	R 31 32		RS1/10S102J
	R 43 44 45 46		RN1/2P2R2JL
	R 49 50 51 52 53 54 55 56		RS3PR47JL
	R 57 58		RS1/10S102J
	R 59		RD1/4PS473JL
	R 60		RS1/10S124J
	R 61 62		RS3P100JL
	R 63 64 65 66 124		RS1/10S473J
	R 67 73		RD1/4PS223JL
	R 68		RD1/4PS103JL
	R 69 70 76 77		RS1/10S222J
	R 72		RS1/8S152J
	R 75		RS1/10S473J
	R 79		RS1/2P102JL
	R 80 421 422		RD1/4PS102JL
	R 83		RD1/4PS221JL
	R 84 99		RD1/4PS152JL
	R 86		RD1/4PS472JL
	R 88 89		RS1/10S472J
	R 91		RD1/4PS331JL
	R 92	Thermister	CCX1003
	R 93		RD1/4PS822JL
	R 94 95		RS1/10S472J
	R 96		RD1/4PS104JL
	R 97 472		RD1/4PS222JL
	R 98 462 467 468		RD1/4PS471JL
	R 100 102		RS1/8S103J
	R 101 123 125		RS1/10S103J

CAPACITORS

Mark	Circuit Symbol & No.	Part Name	Part No.
C	56 57		CQMA104J50
C	58 59 60 61		CEHAQ101M10
C	62 63	5600μF/16V	CCH1026
C	64 65		CQMA223K50
C	66 67	3900μF/42V	CCH1029
C	68 69		CQMA153J50
C	70		CQPA102J2A
C	71		CEHAQ101M16
C	72		CEHAQ2R2M50
C	73		CEHAQ471M10
C	74 75		CQMA102K50

Miscellaneous Parts List

Mark	Circuit Symbol & No.	Part Name	Part No.
‡‡	FU 1	Fuse 30A	CEK1140
‡‡	FU 2	Fuse 3A	CEK1134
‡‡	FU 3	Fuse 4A	CEK1001
‡‡	M	Fan	CXM1027

9. PACKING METHOD

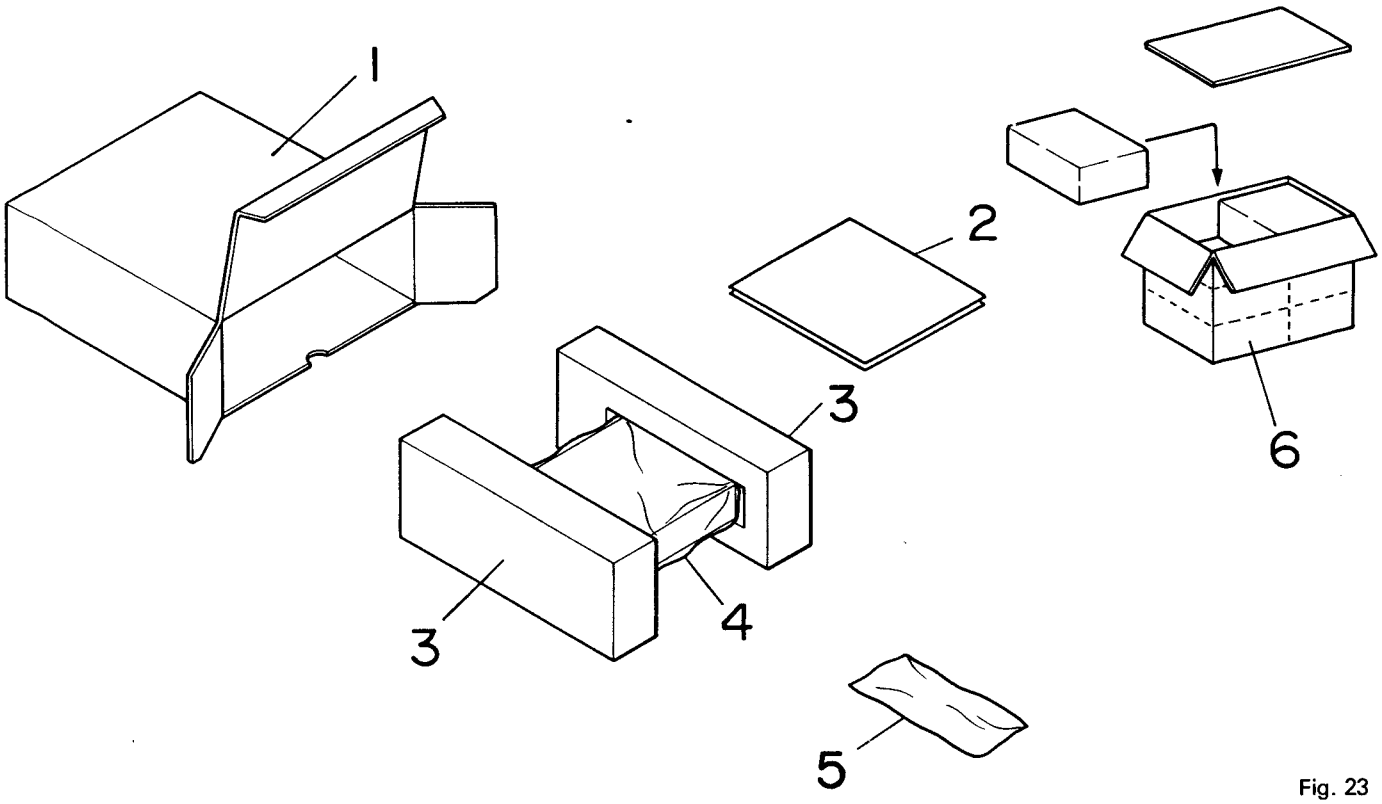


Fig. 23

● Parts List

Mark No.	Part No.	Description	
1	CHG1484	Carton	(EW)
	CHG1485	Carton	(UC)
2	CRD1214	Owner's Manual (English, French, German, Spanish, Swedish, Norwegian, Dutch, Italian)	(EW)
	CRD1215	Owner's Manual (English, French)	(UC)
3	CHP1146	Styrofoam	
4	CEG1033	Cover	
5	CEA1369	Accessory Assy	(EW)
	CEA1370	Accessory Assy	(UC)
5-1	CDE2113	Cord	(EW)
	CDE2106	Cord	(UC)
5-2	CDE1996	Cord Assy	
5-2-1		Cord	
5-2-2		Cord	
5-3	CDE2018	Cord	(EW)
5-4	CDE2017	Connector	(EW)
5-5		Screw Kit	
5-5-1	BMZ50P060FZK	Screw (×4)	
5-5-2	BTZ50P160FZK	Screw (×8)	
5-6	CEA1345	Cover Assy	
5-6-1		Cover	
5-6-2		Cover	
5-7	CNC2291	Bracket(×2)	
6	CHL1485	Contain Box	(UC)